

ABSTRACT OF THE DISCLOSURE

An apparatus for and a method of deinterlacing an interlaced image signal. A weight value is calculated after detecting degree of a motion between a pixel of a previous field and a pixel of a next field relative to a pixel of the current field to be interpolated. An inter-field interpolation value is calculated based on pixels in previous and next fields corresponding to the pixel to be interpolated. An intra-field interpolation value is calculated based adjacent pixels in the same field as the pixel to be interpolated. A final interpolation value is calculated based on the on the inter-field interpolation value, the intra-field interpolation value and the weight value.